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1 [Moksha: exploring ubiquity in event filtration-control at the multi-user desktop](#)

[Rameshsharma Ramloil](#), [John A. Mariani](#)

March 1999 **WACC '99**: Proceedings of the international joint conference on Work active collaboration

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (1.64 MB)

[Additional Information](#): full citation, abstract, references, etc.

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 12, Downloads (Overall): 17

Collaborative systems need to provide some means for users to be aware of peer act involve broadcasting events generated as a result of a particular user's actions at the than flooding users with ...

Keywords: auditory display, awareness, common information space, multi-users de: browsing

Also published in:

March 1999 **SIGSOFT Software Engineering Notes** Volume 24 Issue 2

2 [A semantic approach to the dynamic design of interaction controls in conversatio](#)

[Michelle X. Zhou](#), [Keith Houck](#)

January 2002 **IUI '02**: Proceedings of the 7th international conference on Intelligent use

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (273.73 KB)

[Additional Information](#): full citation, abstract, references, etc.

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 30, Downloads (Overall): 37

To support a full-fledged, multimedia human-computer conversation, we are building called Responsive Information Architect (RIA), which can automatically synthesize m the conversation. As part of its ...

Keywords: automated generation of interactive visual presen"tations, interaction co interfaces

3 [Building real-time groupware with GroupKit, a groupware toolkit](#)

[Mark Roseman](#), [Saul Greenberg](#)

March 1996 **Transactions on Computer-Human Interaction (TOCHI)** , Volume 3 Issue

Publisher: ACM [Request Permissions](#)

Full text available: [Pdf](#) (2.74 MB)

[Additional Information](#): full citation, abstract, references, etc.

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 89, Downloads (Overall): 7

This article presents an overview of GroupKit, a groupware toolkit that lets developer

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synchronous and distributed computer-based conferencing. GroupKit was constructed programming groupware should be only ...


Keywords: GroupKit, computer-supported cooperative work, groupware toolkits, syr interface toolkits

4 Object management and sharing in autonomous, distributed databases

Dennis McLeod

September 1986 **OODS '86: Proceedings on the 1986 international workshop on Object-**

Publisher: IEEE Computer Society Press


Full text available:  Pdf (84.26 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 13, Downloads (Overall): 10


An important current trend in information management is from a record-based to an particular, existing record-oriented database management systems fulfill many of the database application domains, ...

5 Designing SENSE (a software environment for social science rEsearch): The role

 N. J. Fiddian, W. A. Gray, M. W. Read

January 1982 **CHI '81: Proceedings of the joint conference on Easier and more pr systems. (Part - II): Human interface and the user interface - Volu**

Publisher: ACM 

Full text available:  Pdf (650.41 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 11, Downloads (Overall): 10

In most general purpose computer systems there is a wide variety of software availa is usually provided in one of three organisational forms - routines in a library; collect grouped in a package ...

Keywords: Software environment integration, Software tools, User interface

Also published in:


January 1982 **SIGSOC Bulletin** Volume 13 Issue 2-3

6 The formulary model for flexible privacy and access controls

 Lance J. Hoffman

November 1971 **AFIPS '71 (Fall): Proceedings of the November 16-18, 1971, fall joint c**

Publisher: ACM

Full text available:  Pdf (1.73 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 16, Downloads (Overall): 20


This paper presents a model for engineering the user interface for large data base sy flexible access controls over sensitive data. The model is independent of both machin and is sufficiently modular ...

7 The user interface of GPSS/PC

Springer Cox

January 1984 **WSC '84: Proceedings of the 16th conference on Winter simulation**

Publisher: IEEE Press

Full text available:  Pdf (473.51 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [...](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 2, Downloads (Overall): 35,

GPSS/PC is a new implementation of GPSS, the General Purpose Simulation System, extensions to the user interface. Its overall design integrates a syntax directed stater

time system. This results in a number ...

Keywords: GPSS

8 TCDL - an expert system language for wargaming

 J. L. Sowers, P. E. Rubin

October 1989 **WSC '89**: Proceedings of the 21st conference on Winter simulation

Publisher: ACM


Full text available:  Pdf (524.76 KB)

[Additional Information: full citation, abstract, references, ...](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 10, Downloads (Overall): 46


This paper discusses the design and implementation of the Tactical Control Directive special-purpose language designed for use within the Enhanced Naval Warfare Gamir developed to support the concept ...

9 FLAIR - user interface dialog design tool

 Peter C. S. Wong, Eric R. Reid

July 1982 **SIGGRAPH '82**: Proceedings of the 9th annual conference on Computer graphics techniques

Publisher: ACM 

Full text available:  Pdf (845.34 KB)

[Additional Information: full citation, abstract, references, ...](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 33, Downloads (Overall): 30

To aid the system designers in achieving early involvement of the users, FLAIR (a user tool) was conceptualized and developed. FLAIR allows the designer to rapidly prototype interface. A system designer ...

Keywords: MMI testbed, Rapid prototyping, Spatial data management

Also published in:


July 1982 **SIGGRAPH Computer Graphics** Volume 16 Issue 3

10 An architecture for a multimedia teleconferencing system

 L. Aguilar, J. J. Garcia-Luna-Aceves, D. Moran, E. Craighill, R. Brungardt

August 1986 **SIGCOMM '86**: Proceedings of the ACM SIGCOMM conference on Communication protocols

Publisher: ACM 

Full text available:  Pdf (1.35 MB)

[Additional Information: full citation, abstract, references, ...](#)


Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 28, Downloads (Overall): 46

We present an object-oriented architecture for a computer-based, real-time, multimedia teleconferencing system. This architecture divides the system into five functional areas: a multimedia shared workspace, a conference management, communications, ...

Also published in:


August 1986 **SIGCOMM Computer Communication Review** Volume 16 Issue 3

11 Patient management systems: the early years

 W. E. Hammond

December 1987 **Proceedings of ACM conference on History of medical informatics**

Publisher: ACM 

Full text available:  Pdf (880.60 KB)

[Additional Information: full citation, abstract, references, ...](#)

Bibliometrics: Downloads (6 Weeks): 38, Downloads (12 Months): 313, Downloads (Overall): 46


As I scanned through old papers and reports in preparation for these remarks, I became "sameness" of those proposals and descriptions with what is happening today. Then I differences - today's systems ...

12 [Specification and dialogue control of visual interaction through visual rewriting system](#)

 P. Bottoni, M. F. Costabile, P. Mussic

November 1999 **Transactions on Programming Languages and Systems (TOPLAS)**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (886.71 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 55, Downloads (Overall): 54

Computers are increasingly being seen not only as computing tools but more so as replacing special emphasis on human-computer interaction (HCI). In this article, the focus is on the messages exchanged between ...


Keywords: control automaton, dialogue control, visual languages

13 [An impact analysis method for safety-critical user interface design](#)

 Julia Galliers, Alistair Sutcliffe, Shalley Minchella

December 1999 **Transactions on Computer-Human Interaction (TOCHI)** , Volume 6 Issue 4

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (248.35 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 21, Downloads (12 Months): 179, Downloads (Overall): 312

We describe a method of assessing the implications for human error on user interface systems. In previous work we have proposed a taxonomy of influencing factors that can affect the use of a system. In this article, components of the taxonomy are ...


Keywords: Bayesian belief networks, human error, safety-critical, scenario-based case analysis

14 [Object oriented programming, tutorial](#)

 Manuel Alfonseca

May 1990 **APL '90: Conference proceedings on APL 90: for the future**

Publisher: ACM

Full text available:  [Pdf](#) (187.11 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 44, Downloads (Overall): 37

A classical procedural program (written in COBOL, FORTRAN, BASIC, PASCAL, LISP or FORTRAN) is a program that executes sequentially in a predefined order, that depends only on the order in which the program is working with. This order can usually be ...

Also published in:


May 1990 **SIGAPL APL Quote Quad** Volume 20 Issue 4

15 [Natural language interaction in goal-directed C&C: a comparative analysis of several systems](#)

Jerome R. Beillegarda

March 2002 **Proceedings of the second international conference on Human Language Technology**

Publisher: Morgan Kaufmann Publishers Inc.

Full text available:  [Pdf](#) (497.36 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 7, Downloads (Overall): 18,

In sufficiently limited domains, natural language interaction is possible even in the area of ...

language understanding. This is particularly true for goal-directed command and control understanding task can essentially be cast ...



Keywords: command and control speech recognition, data-driven classification, language methods, latent semantic analysis

16 [A dialogue manager using initiative-response units and distributed control](#)

Arge Jönsson

April 1991 **CHI '91: Proceedings of the fifth conference on European chapter of the Association for Computational Linguistics**


Publisher: Association for Computational Linguistics

Full text available:  [Publisher Site](#),  [Pdf](#) (711.62 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 9, Downloads (Overall): 96,

This paper describes a system for managing dialogue in a natural language interface. It uses a dialogue manager as the overall control mechanism. The dialogue manager acquires resources for interpretation, generation ...

17 [Soft machines: A philosophy of user-computer interface design](#)

 Lloyd H. Nakatani, John A. Rohrlich

December 1983 **CHI '83: Proceedings of the SIGCHI conference on Human Factors in Computing Systems**


Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (492.99 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 17, Downloads (12 Months): 123, Downloads (Overall): 402

Machines and computer systems differ in many characteristics that have important consequences. Machines are special-purpose, have forms suggestive of their functions, are operated one-to-one correspondence ...

18 [A new step-in-place locomotion interface for virtual environment with large displacement](#)

 Laroussi Bouguila, Makoto Sato, Shoichi Hasegawa, Hashimoto Naoki, Naoki Matsumoto, Ezzine, Dalel Maghrebi

July 2002 **SIGGRAPH '02: SIGGRAPH 2002 conference abstracts and applications**

Publisher: ACM  [Request Permissions](#)

Full text available:  [Pdf](#) (145.16 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 14, Downloads (Overall): 40

The project presents a new locomotion interface for virtual environment with large displacement. It is able to direct and control the traveling in the VE by in-place stepping and turning actuator technology, Visual feedback ...

19 [A MicroNET application](#)

William R. Liegdon, Joseph J. Talavage

December 1983 **WSC '83: Proceedings of the 15th conference on Winter Simulation**


Publisher: IEEE Press

Full text available:  [Pdf](#) (643.11 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 0, Downloads (12 Months): 1, Downloads (Overall): 52,


MicroNET is a complete network simulation system designed specifically for microcomputer. A wide variety of systems can be built, simulated, and analyzed using MicroNET's network architecture. It provides a graphical representation of a ...

20 [SenToy: a tangible interface to control the emotions of a synthetic character](#)

 Ana Paiva, Ricardo Chaves, Moisés Piedade, Adrian Bullock, Gerd Andersson, Kristina Högl

July 2003 **AMAS '03: Proceedings of the second international joint conference on AI and Human-Computer Interaction**

multiagent systems

Publisher: ACM  [Request Permissions](#)Full text available:  [Pdf \(88.65 KB\)](#)[Additional Information: full citation, abstract, references](#)**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 50, Downloads (Overall): 46

In this paper we describe how to control the emotional states of a synthetic character using a tangible interface named SenToy. SenToy is a doll with sensors in its arms, legs and torso to influence the emotional state of the user.

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